

$$\begin{array}{r}
 18 \rightarrow \text{LSB}_3 \\
 00000100\overbrace{000}^{\text{LSB}_3} + 1000 \rightarrow 00000100\overbrace{1001}^{\text{LSB}_3}
 \\[10pt]
 20 \rightarrow \text{LSB}_3 \\
 00000100\overbrace{1100}^{\text{LSB}_3} + 1000 \rightarrow 00000101\overbrace{0100}^{\text{LSB}_3}
 \end{array}$$

Fig 3

\xrightarrow{x}

(x,y)	0	1	2	3
0	0100	1000	0100	1000
1	1000	1011	1000	1011
2	0100	1000	0100	1000
3	1000	1011	1000	1011

$y \downarrow$

↗

28

Fig 4

Fig 5

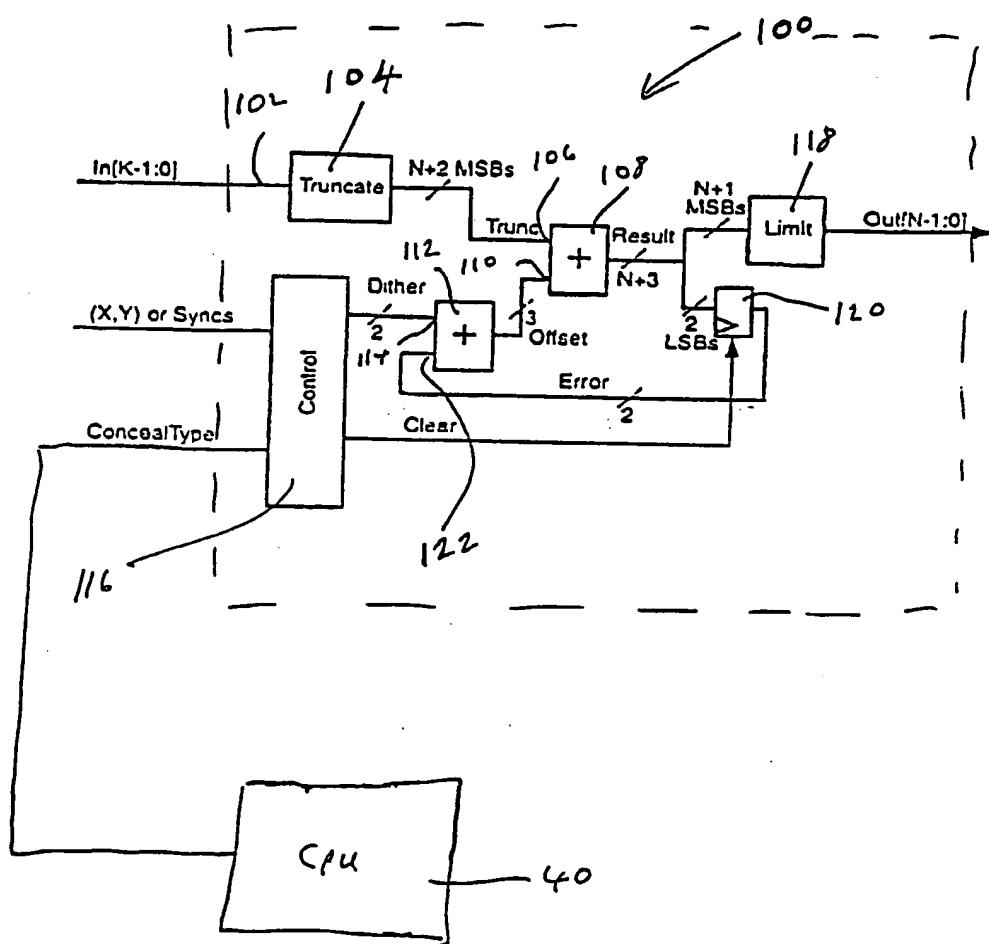
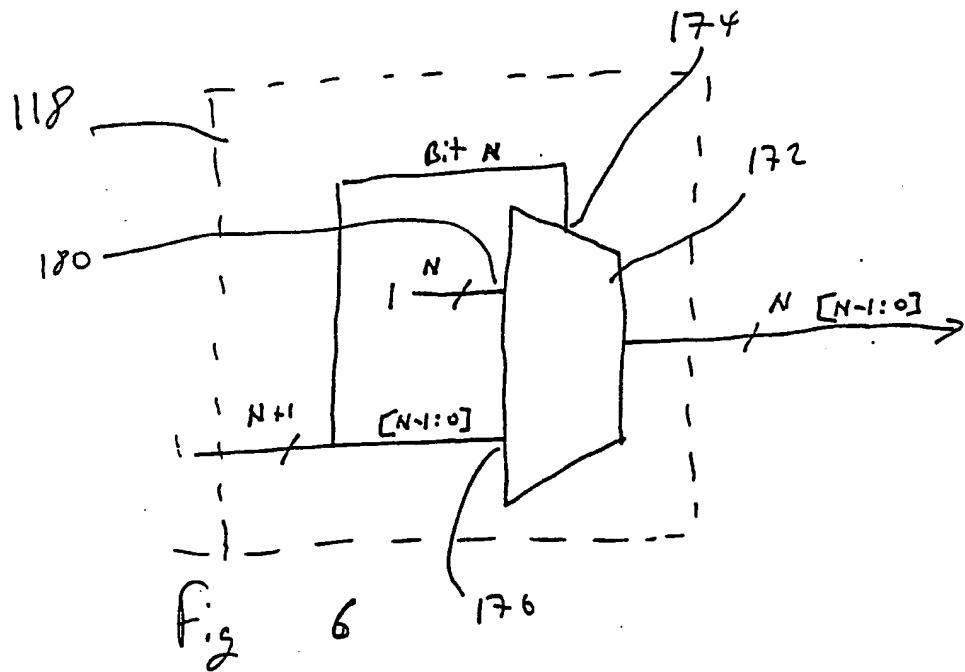


Fig 7

ConcealType	Y[0]	X[0]	Dither[1:0]
truncate	X	X	00
round	X	X	10
	0	0	01
dither	0	1	10
	1	0	10
	1	1	11

Fig 8

01	10	01	10
10	11	10	11
01	10	01	10
10	11	10	11



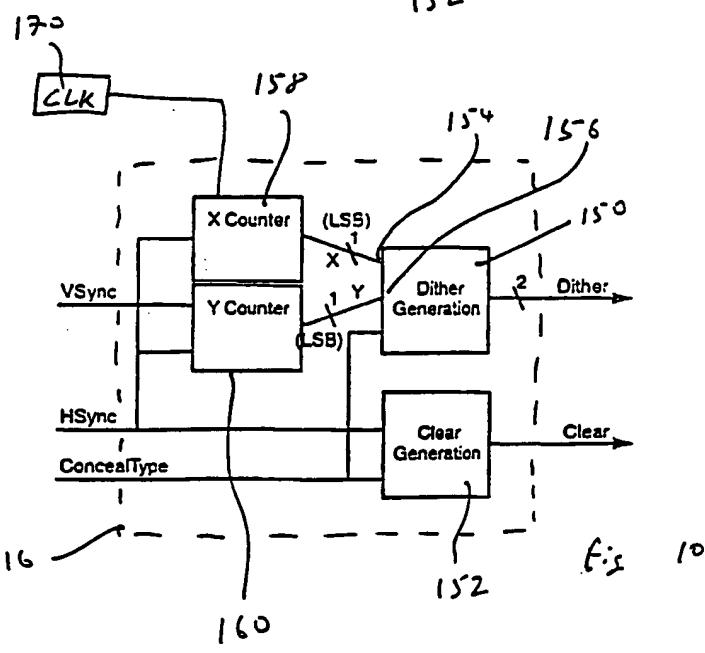
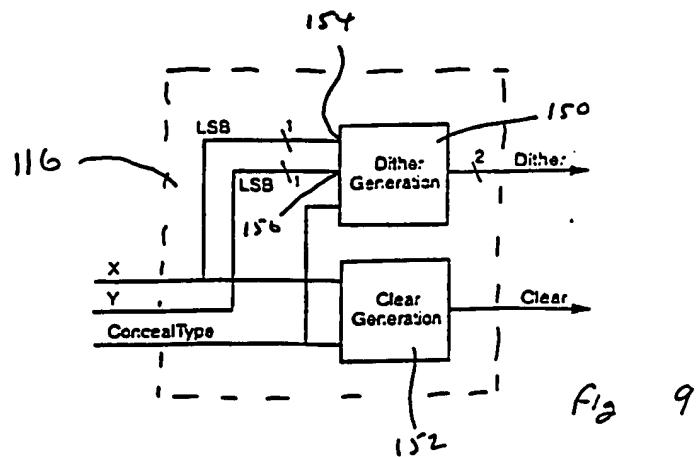


Fig 12

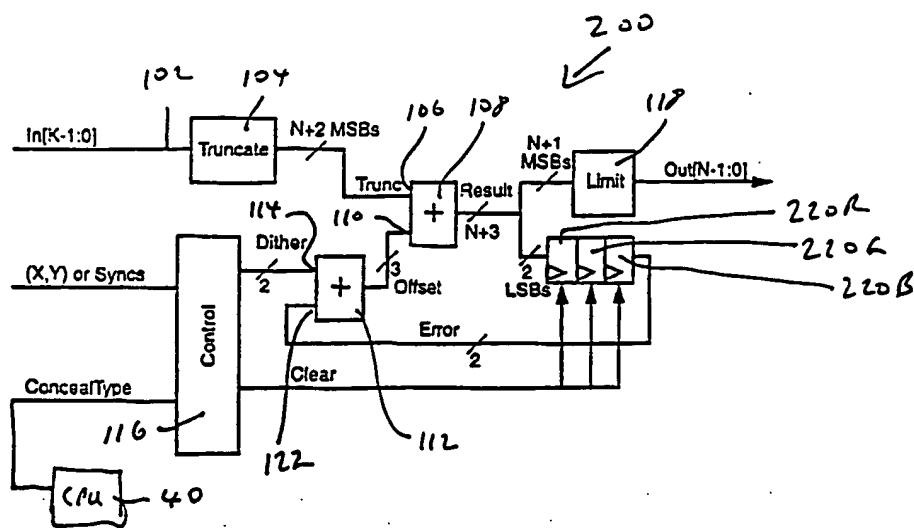


Fig 11

